



The Commonwealth of Massachusetts
Department of Fire Services
Office of the State Fire Marshal



Post Office Box 1025, Stow, Massachusetts 01775
(978) 567-3300 Fax: (978) 567-3199

Application for Construction and Installation

of a tank in excess of 10,000 gallon gross capacity, for aboveground storage of fluids other than water.

One tank per application, unless the additional tank(s) are identical, contain the identical fluid and are in a close proximity as the one listed on the application. When approved, this application becomes the permit to construct or install the tank. When the tank has been built, tested and approved, a permit for its use will be issued. See page 2 of 2 of this application for the submittal requirements. For tank maintenance, as defined in 502 CMR 5.00, use the **Application for Maintenance**.

Business name: _____

Street address: _____

Business (mailing) address: _____

Address (or location) of tank: _____

Business contact name: _____ Telephone number: _____

Description of tank: _____

Manufacturer of the tank: _____

Manufacturer address: _____

☐ New tank ☐ Used tank (additional information will be required)

Tank constructed/manufactured according to: ☐ A.P.I. ☐ A.S.M.E. ☐ U.L. ☐ Other: _____

Tank construction standard: _____ Tank gross capacity: _____ Tank nominal capacity: _____

Material specification for roof: _____ Shell: _____ Bottom: _____

Types of joints: _____

Welding rod number: _____ Has welding procedure been submitted: ☐ Yes
☐ No _____

Thickness of shell rings and number of rings: _____ Tensile strength: _____

Thickness: Roof: _____ Bottom: _____ Tensile strength: _____

☐ Horizontal tank Diameter (feet): _____ Length (feet): _____

☐ Vertical tank Diameter (feet): _____ Height (feet): _____

Fluid to be stored in tank: _____ Flash point (°F): _____

Compartmented tank? ☐ Yes, number of compartments and capacities: _____ ☐ No

Is this tank located in a vault? ☐ Yes ☐ No Secondary containment tank (doublewall tank)?
☐ Yes ☐ No

Retaining basin (dike) provided? ☐ Yes, net capacity of dike: _____ ☐ No

Office use only			
Fee Paid: _____	Date received: _____	Date entered: _____	Entered by: _____

Description of retaining basin (dike): ☐ Metal ☐ Clay ☐ Reinforced concrete ☐ Other
If "Other" describe the retaining basin (dike) on a separate page.

Name of applicant or applicant's agent: _____

Check one: ☐ Owner ☐ Owner's rep. ☐ Operator ☐ Installer ☐ Engineer
☐ Other:

Business name: _____

Address: _____

Telephone number: _____ Fax Number: _____

By signing below, I certify that to the best of my knowledge, the tank, its installation and ancillary equipment were designed to meet all the provisions of 527 CMR, 502 CMR 5.00, any other applicable standard and in accordance with good engineering practices.

Signature: _____ Date: _____

Has a license been issued by the local authority (M.G.L. c. 148 §13), if applicable?: ☐ Yes ☐ No ☐ Not required

Licensing authority: _____ Local authority signature: _____

Has the local fire department been consulted about a flammable/combustible liquids permit (M.G.L. c. 148 § 10A & 23)?:

☐ Yes ☐ No ☐ Not required ___ Local Fire Chief (or designee) signature: _____

Any Fire Chief comments? ☐ No ☐ Yes, please put comments on a separate page. Number of separate pages: _____

Permit to construct or install contingent on the attached notes:

Issue date: _____



APPROVED: _____
State Fire Marshal or designee

Tank #: _____

The subject tank work shall commence within six months from the date the permit was issued and must be completed within one year of commencement. If the work has not started or completed during the stated time period the permit shall be deemed expired and a new permit shall be required unless a written extension is granted by the Marshal.

Submittal Requirements - Please remember to include all of the following and mail to Office of the State Fire Marshal, Technical Services, P.O. Box 1025, Stow, MA 01775, Attention: AST Program.

- ☐ FEE - \$100.00 per tank up to 100,000 gallon capacity. An additional fee of one dollar per 1,000 gallons shall be paid for tanks greater than 100,000 gallons capacity.

The following must be submitted in triplicate (an original and two copies are acceptable):

- ☐ Application for Construction and Installation. One tank per application, unless the additional tank(s) are identical, contain the identical fluid and are in a close proximity as the one listed on the application.
- ☐ Plans. See 502 CMR 5.04 (2)(a) through (f). 502 CMR can be obtained from the State House Bookstore, Room 116, State House, Boston, MA 02133, (617) 727-2834. All plans must be stamped and signed by a professional engineer duly registered in the Commonwealth.
- ☐ If the tank is pre-assembled, the manufacturers drawings and literature. All drawings must be stamped and signed by a professional engineer duly registered in the Commonwealth.
- ☐ Material safety data sheet (MSDS) for the product being stored in the tank.

Note: Plans submitted without the proper information and returned or otherwise disapproved, will require a reapplication fee.